1998, and commonly owned herewith. --

In the Claims:

Please cancel claims 2-16 without prejudice and add new claims 17- 63 as follows:

17.   (New) A configurable network appliance, comprising:

a communications device to communicate with a network server;

an information writer to write information regarding said configurable network appliance within a first set of one or more special tags within a web page using said configurable network appliance;

an interface to upload said web page to the network server and access said web page on the network server with said network appliance, said web page having stored information for configuration of a parameter of the network appliance contained within a second set of one or more special tags;

a parser to parse said stored information to determine an action and identify configuration information to accompany the action; and

a configurer to configure the network appliance by writing configuration information derived from the stored information into a local non-volatile configuration memory in said network appliance in accordance with said action.

18.   (New) The network appliance of claim 17 further comprising:

a profile creator to create a profile containing a plurality of configuration information;

a memory to store said profile in said local non-volatile configuration memory; and

means for using said profile during said configuring.

19.   (New) A configurable network appliance, comprising:

a communications device to communicate with a network server;

an information writer to write information regarding said configurable network appliance within a first set of one or more special tags within a web page using said configurable network appliance;

an interface to upload said web page to the network server and access said web page on the network server with said network appliance to retrieve stored information for configuration

of a parameter of the network appliance contained within a second set of one or more special tags;

a receiver to receive said stored information with the network appliance;

a parser to parse the stored information to determine an action and identify configuration information to accompany the action; and

a configurer to configure the network appliance by writing configuration information derived from the stored information into a local non-volatile configuration memory of the network appliance in accordance with said action.

20.   (New) The network appliance of claim 19 further comprising:

a profile creator to create a profile containing a plurality of configuration information;

a memory to store said profile in said local non-volatile configuration memory; and

means for using said profile during said configuring.

21.   (New) A configurable network appliance, comprising:

a communications device to communicate with a network server;

an information writer to write information regarding said configurable network appliance within a first set of one or more special tags within a web page using said configurable network appliance;

an interface to upload said web page to the network server and access said web page on the network server with said network appliance within a second set of one or more special tags;

. a receiver to download said web page to the network appliance;

a reader to read a configuration value for a parameter of the network appliance from a non-volatile memory associated with the network appliance; and

a configuration writer to write the configuration value to a storage device associated with the web page.

22.   (New) The network appliance of claim 21, further comprising:

a profile creator to create a profile containing a plurality of configuration information;

a memory to store said profile in said local non-volatile configuration memory; and

means for using said profile during said configuring.

23.   (New) A configurable network apparatus, comprising:

a non-volatile memory to store a plurality of configuration information;

a profile creator to create a profile having said plurality of configuration information;

a data telecommunications device to communicate with a network server;

an interface to access a web page on the network server and retrieve stored information for configuration of a parameter of the network apparatus;

a parser to parse the stored information to determine an action and identify configuration information to accompany the action; and

a configurer responsive to the profile, the action and the identified configuration information to configure the network apparatus by writing the configuration information derived from the stored information into said non-volatile memory.

24. (New) The apparatus of claim 23, wherein the configuration information is accessible to the network server to provide customized services to the network apparatus in accordance to the profile.

25. (New) The apparatus of claim 23, wherein the profile comprises an option feature.

26. (New) The apparatus of claim 25, wherein the option feature comprises a security scheme to prevent unauthorized modifications to the profile.

27. (New) The apparatus of claim 25, wherein the option feature comprises a monitoring module that checks a feature on the network apparatus and alerts a user when said web page contains an upgrade to the profile.

28. (New) The apparatus of claim 23, wherein the profile comprises a support feature.

29. (New) The apparatus of claim 28, wherein the support feature is call waiting.

30. (New) The apparatus of claim 28, wherein the support feature is call forwarding.

31. (New) The apparatus of claim 28, wherein the support feature is last call returned.

32. (New) The apparatus of claim 28, wherein the support feature is email checking.

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33. (New) The apparatus of claim 23, wherein the profile comprises a settings feature.

34. (New) The apparatus of claim 33, wherein the setting feature is an Internet Service Provider telephone number stored in the non-volatile memory.

35. (New) The apparatus of claim 33, wherein the setting feature is a user identification stored in the non-volatile memory.

36. (New) The apparatus of claim 35, wherein the user identification storage comprises a user name, a user street address, a user zip code, and a user telephone number stored in the non-volatile memory.

37. (New) A configurable network apparatus, comprising:

a non-volatile memory to store a plurality of configuration information;

a data telecommunication device to communicate with a network server;

an interface to access a web page stored on the network server, the web page having a link to stored information for configuring a parameter of the network apparatus;

a parser to receive and parse the stored information to determine an action and identify configuration information to accompany the action; and

a configurer to write configuration information derived from the stored information into said non-volatile memory in accordance with said action.

38. (New) The apparatus of claim 37, wherein the configuration information is accessible to the network server to provide customized services to the network apparatus in accordance to the profile.

39. (New) The apparatus of claim 37, wherein the profile comprises an option feature.

40. (New) The apparatus of claim 39, wherein the option feature comprises a security scheme to prevent unauthorized modifications to the profile.

41. (New) The apparatus of claim 39, wherein the option feature comprises a monitoring module to check the version of a feature on the network apparatus and alerts a user when said web page contains an upgrade to the profile.

42. (New) The apparatus of claim 37, wherein the profile comprises a support feature.

43. (New) The apparatus of claim 42, wherein the support feature is call waiting.

44. (New) The apparatus of claim 42, wherein the support feature is call forwarding.

45. (New) The apparatus of claim 42, wherein the support feature is last call returned.

46. (New) The apparatus of claim 42, wherein the support feature is email checking.

47. (New) The apparatus of claim 37, wherein the profile comprises a settings feature.

48. (New) The apparatus of claim 37, wherein the setting feature is an Internet Service Provider telephone number stored in the non-volatile memory.

49. (New) The apparatus of claim 37, wherein the setting feature is a user identification stored in the non-volatile memory.

50. (New) The apparatus of claim 37, wherein the user identification storage comprises a user name, a user street address, a user zip code, and a user telephone number stored in the non-volatile memory.

51. (New) A configurable network appliance, comprising:
    means for establishing a telecommunication session with a network server;
    means for writing information regarding said configurable network appliance within a first set of one or more special tags within a web page using said network appliance;
    means for uploading said web page to the network server;

means for accessing said web page stored on the network server with the network appliance, the web page having stored information for configuration of a parameter of the network appliance contained within a second set of one or more special tags;

means for receiving said stored information with the network appliance;

means for parsing said stored information to determine an action and identify configuration information to accompany the action; and

means for configuring the network appliance by writing configuration information derived from the stored information into a local non-volatile configuration memory of the network appliance in accordance with said action.

52. (New) The configurable network appliance of claim 51, further comprising:

means for creating a profile containing a plurality of configuration information;

means for storing said profile in local non-volatile configuration memory; and

means for using said profile during said configuring.

53. (New) A configurable network appliance, comprising:

means for establishing a telecommunication session with a network server;

means for writing information regarding said configurable network appliance within a first set of one or more special tags within a web page using said network appliance;

means for uploading said web page to the network server;

means for accessing said web page stored on the network server with the network appliance to retrieve stored information for configuration of a parameter of the network appliance contained within a second set of one or more special tags;

means for receiving said stored information with the network appliance;

means for parsing the stored information to determine an action and identify configuration information to accompany the action; and

means for configuring the network appliance by writing configuration information derived from the stored information into a local non-volatile configuration memory of the network appliance in accordance with said action.

54. (New) The configurable network appliance of claim 53, further comprising:

means for creating a profile containing a plurality of configuration information;

means for storing said profile in local non-volatile configuration memory; and

means for using said profile during said configuring.

55.   (New) A configurable network appliance, comprising:

means for establishing a telecommunication session with a network server;

means for writing information regarding said configurable network appliance within a first set of one or more special tags within a web page using said network appliance;

means for uploading said web page to the network server;

means for accessing said web page stored on the network server with the network appliance contained within a second set of one or more special tags;

means for downloading the web page to the network appliance;

means for reading a configuration value for a parameter of the network appliance from a non-volatile memory associated with the network appliance; and

means for writing the configuration value to a storage device associated with the web page.

56.   (New) The configurable network appliance of claim 55, further comprising:

means for creating a profile containing a plurality of configuration information;

means for storing said profile in local non-volatile configuration memory; and

means for using said profile during said configuring.

57.   (New) A configurable network appliance, comprising:

means for creating a profile containing a plurality of items of configuration information for the network appliance;

means for storing the profile in the local non-volatile configuration memory of the network appliance;

means for establishing a telecommunications session with a network server;

means for writing information regarding said configurable network appliance within a first set of one or more special tags within a web page using said network appliance;

means for uploading said web page to the network server;

means for accessing said web page stored on the network server with the network appliance contained within a second set of one or more special tabs to retrieve stored information for configuration of a parameter of the network appliance;

means for receiving the stored information with the network appliance;

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means for parsing the stored information to determine an action and identify configuration information to accompany the action;

means for reading the profile; and

means for configuring the network appliance in accordance with the profile by writing the configuration information derived from the stored information into the local non-volatile configuration memory for the network appliance in accordance with said action.

58.　(New)　A network appliance, comprising:

a non-volatile memory;

a profile stored in said non-volatile memory, the profile containing profile information and a flag indicating whether the profile information may be used to automatically respond to queries;

a communications device to receive telecommunications from a network server;

an interface to access a web page on the network server;

means for activating a link of the web page, said means for activating causing a query for particular information contained in the profile information; and

means for transmitting the particular information automatically from the profile information stored in said non-volatile memory to the network server if the flag indicates that the profile information may be used to automatically respond to queries.

59.　(New)　A network appliance, comprising:

a non-volatile memory having stored therein a profile of the network appliance, the profile containing profile information and a flag indicating whether the profile information may be used to automatically respond to queries;

a data telecommunications device to receive communications from a network server; and

an interface to access a web page of the network server and activate a link of the web page so as to call up an information form, said browser automatically reading the profile information stored in said non-volatile memory and using it to complete said information form if the flag indicates that the profile information may be used to automatically respond to queries.

60.　(New)　A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for configuring a configurable

network appliance having local non-volatile memory for storing configuration information, said method comprising:

establishing a telecommunications session between the network appliance and a network server;

writing information regarding said configurable network appliance within a first set of one or more special tags within a web page using said network appliance;

uploading said web page to the network server;

accessing said web page stored on the network server, the web page having stored information for configuration of a parameter of the network appliance contained within a second set of one or more special tags;

receiving said stored information with the network appliance;

parsing the stored information to determine an action and identify configuration information to accompany the action;

configuring the network appliance by writing configuration information derived from the stored information into a local non-volatile configuration memory of the network appliance in accordance with said action.

61. (New) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for configuring a configurable network appliance having a local non-volatile memory for storing configuration information, said method comprising:

establishing a telecommunication session between the network appliance and a network server;

writing information regarding said configurable network appliance within a first set of one or more special tags within a web page using said network appliance;

uploading said web page to the network server;

accessing said web page stored on the network server with the network appliance to retrieve stored information for configuration of a parameter of the network appliance contained within a second set of one or more special tags;

receiving said stored information with the network appliance;

parsing the stored information to determine an action and identify configuration information to accompany the action; and

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configuring the network appliance by writing configuration information derived from the stored information into a local non-volatile configuration memory of the network appliance in accordance with said action.

62.   (New) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for uploading configuration information from a configurable network appliance to a network server, the appliance having local non-volatile memory for storing configuration information, said method comprising:

establishing a telecommunications session between the network appliance and the network server;

writing information regarding said configurable network appliance within a first set of one or more special tags within a web page suing said network appliance;

uploading said web page to the network server;

accessing said web page stored on the network server with the network appliance contained within a second set of one or more special tags;

downloading the web page to the network appliance;

reading a configuration value for a parameter of the network appliance from a local non-volatile memory associated with the network appliance; and

writing the configuration value to a storage device associated with the web page.

63.   (New) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for configuring a configurable network appliance having a local non-volatile memory for storing configuration information, said method comprising:

creating a profile containing a plurality of configuration information for the network appliance;

storing the profile in the local non-volatile memory;

establishing a telecommunication session with a network server;

accessing a web page stored on the network server to retrieve stored information for configuration of a parameter of the network appliance;

receiving the stored information with the network appliance;

parsing the stored information to determine an action and identify configuration information to accompany the action;

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